

10/065,712
Amdt. Dated May 10, 2004
Reply to Office Action of Jan. 14, 2004

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1 (Currently Amended). A golf club head comprising:

 a body having a crown, a sole, a ribbon, and a front wall with an opening, the crown having a thickness of 0.030 inch to 0.050 inch, the sole having a thickness of 0.030 inch to 0.050 inch, the body composed of a cast titanium alloy material; and

 a striking plate insert positioned within the opening and welded to the body, the striking plate insert having a uniform thickness in the range of 0.080 inch to 0.120 inch, the striking plate insert composed of a formed titanium alloy material comprising titanium, aluminum, tin, chromium, molybdenum, zirconium and silicon, and having a microstructure of at least 40% alpha phase;

 wherein the golf club head has a volume ranging from 350 cubic centimeters to 420 cubic centimeters and a mass ranging from 185 grams to 215 grams, and the golf club head has a coefficient of restitution ranging from 0.80 to 0.83;

whereby the striking plate insert has an inward face progression of less than 0.01 inch after at least 500 hits of a golf ball at a swing speed of 110 miles per hour.

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2 (Currently Amended). A golf club head comprising:

a body having a crown, a sole, a ribbon, and a front wall with an opening;

and

a striking plate insert positioned within the opening, the striking plate insert having a uniform thickness in the range of 0.040 inch to 0.250 inch, the striking plate insert composed of a titanium alloy material having a microstructure of at least 40% alpha phase;

whereby the striking plate insert has an inward face progression of less than 0.01 inch after at least 500 hits of a golf ball at a swing speed of 110 miles per hour.

3 (Currently Amended). The golf club head according to claim 2 wherein the striking plate insert is composed of a formed titanium alloy ~~material~~ material.

4 (Original). The golf club head according to claim 2 wherein striking plate insert is composed of a forged titanium alloy material.

5 (Original). The golf club head according to claim 2 wherein the body is composed of a cast metal material.

6 (Original). The golf club head according to claim 2 wherein the striking plate insert is composed of a formed titanium alloy material and the body is composed of a cast titanium alloy material.

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7 (Original). The golf club head according to claim 2 wherein the striking plate insert is welded to the body.

8 (Original). The golf club head according to claim 2 wherein the golf club head has a volume ranging from 200 cubic centimeters to 600 cubic centimeters.

9 (Canceled).